

Amendments

In accordance with 37 CFR §1.121, please amend the above-identified application as set forth below.

Amendments to the Claims:

Please amend the claims as set forth below.

1-27 (Cancelled)

28. (Currently Amended) A system for repair management for mobile machines, said system comprising:

a central computer, said computer including a processor, a network interface and a memory, said memory being configured to store a database on each of a plurality of individual mobile machines;

each of said databases being configured to store a first data set of repair plans according to each of a plurality of repairs;

each of said databases storing for each of said individual mobile machines a second data set for at least one repair, said second data set being associated with a pre-service life design change in the associated individual mobile machine;

a remote computer, said remote computer including a processor, a network interface and a graphical user interface, said graphical user interface being configured to receive a user input regarding an individual mobile machine, said user input including at least one of said plurality of repairs, said remote computer being separate from said mobile machine;

said remote computer having a memory, said memory being configured to store a third data set according to each of a plurality of repairs for each of a plurality of individual mobile machines, said third data set being associated with service life modifications for each individual mobile machine;

a diagnostic system within each individual mobile machine, the diagnostic system including an interface capable of operative communication with said remote computer, and said diagnostic system being configured to communicate data to said remote computer;

a network connection between said central computer and said remote computer;

a unique identifier for each individual mobile machine to be serviced by the system, each unique identifier corresponding to one of said ~~database~~ sets in said memory in said central computer; and

a display at said remote computer, said display being configured to show said data from said database in said memory in said central computer according to said user input of said at least one repair, said data being sent via said network connection between said central computer and said remote computer, and said data shown in said display corresponding to said unique identifier for the individual mobile machine;

wherein said individual mobile machine is selected from the group consisting of an agricultural machine, a construction machine and a forestry machine.

29. (Previously Presented) The apparatus of claim 28 wherein said data is selected from the group consisting of: parts needed for repair, parts recommended for maintenance, costs of suggested parts, availability of suggested parts, personnel

recommended for a repair, availability and qualifications of personnel, and a modification history of the individual mobile machine.

30. (Previously Presented) The system of claim 28 wherein said display data includes a work path for repair of the individual mobile machine, said work path being responsive to said user input in said graphical user interface.

31. (Cancelled)

32. (Previously Presented) The system of claim 28 including an approval field configured for response by a user at said remote computer, said approval field being displayed in conjunction with said display of said data.

33. (Previously Presented) The system of claim 28 including a feedback input receiver, said feedback input receiver transmitting feedback data to said central computer for storage in said memory of said central computer.

34. (Previously Presented) The system of claim 39 wherein said feedback includes feedback selected from the group consisting of: a job completion acknowledgement, invoicing information and maintenance status.

35. (Currently Amended) The system of claim 28 wherein said processor of said central computer is configured to calculate and store in a third memory a variance data set.

36. (Currently Amended) The system of claim 43 wherein said variance data set is selected from the group consisting of: repair time, employee evaluation, part performance evaluations, and system accuracy.

37. (Currently Amended) The system of claim 39 wherein said feedback data set is stored in said third memory for training.

38. (Previously Presented) The system of claim 28 wherein said remote computer is located in a mobile repair unit.

39. (Represented Claim 2) The system according to claim 28, wherein said stored data relates to data from the group consisting of: the machine's model, the machine's year of manufacture, the machine's equipment, the machine's hours of running and the machine's service history.

40. (New) The system according to claim 28, wherein said machine's diagnostic system communicates data to one of said central computer or said remote computer.

41. (New) The system according to claim 28, wherein said repair plan includes particulars regarding at least one of: a necessary expenditure of time to be planned for repair of the machine, a list of parts needed for repair of the machine, a list of tools needed for repair of the machine, or a graphic detail necessary for carrying out repair of the machine.

42. (Represented Claim 22) The system according to claim 28, wherein said repair plan includes proposals for preventive exchange of parts.

43. (Represented Claim 23) The method according to claim ~~4~~28, wherein needed resources are automatically provided upon an acceptance of the repair plan.

44. (Currently Amended) The system ~~method~~ according to claim ~~4~~28, including ~~the step of~~ an inputting verification element for verification of the execution of each work step of the repair plan into ~~the local~~ said remote computer system.

45. (Represented Claim 25) The system according to claim 28, wherein the local computer system produces documentation on the repair carried out from the repair plan and sends the documentation to said central computer, indicating said unique identifier of the machine.

46. (New) The system according to claim 28, wherein one of said remote computer or said central computer produces an account for repair of the machine, with the aid of the repair plan.

47. (New) The system according to claim 28 further comprising a repair vehicle, said repair vehicle having a processor in operative data communication with at least one of said diagnostic system, said remote computer or said central computer.